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O. H. M. S.

W. J. Gerald
Deputy Minister.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No 124

FERTILIZERS AS SOLD, 1906.

OTTAWA, August 17, 1906.

W. J. GERALD, Esq.,
Deputy Minister of Inland Revenue.

SIR,—In the months of April, May and June of the present year a collection was made of agricultural fertilizers as sold in the open market. The number of samples obtained was 115, among which there were 31 which were not registered, or at any rate could not be identified as represented among the standard samples described in Bulletin No. 118. With respect to these cases, the provisions of the Fertilizers Act not having been complied with, the vendors are plainly liable to the penalties specified in Section 14. The following is a statement of the number of samples obtained in the various inspection districts, and the general results of examining them :—

Inspection Districts.	Genuine.	Not registered.	Doubtful.	Adulterated.	Total.
Nova Scotia.....	9	0	2	1	12
P. E. Island.....	1	0	1	1	3
New Brunswick ..	9	2	1	0	12
Quebec	6	1	0	0	7
St. Hyacinthe	9	1	1	1	12
Montreal	10	0	0	2	12
Ottawa	8	2	0	3	13
Kingston	2	5	0	2	9
Toronto	5	6	1	1	13
London	2	4	1	0	7
Calgary	0	3	0	0	3
British Columbia..	5	7	0	0	12
	66	31	7	41	115

In the tabulated statement attached to this report will be found the names of the vendors and manufacturers of these fertilizers as well as the names under which they were sold and the result of their analysis by the district analysts. The manufacturers' guarantee is also given in the case of the registered samples, as well as the analysis and number of the corresponding standard samples. The analyst's findings, such as 'unadulterated' or 'up to guarantee,' are supposed to have the same value as the word 'genuine.' Sometimes a deficiency in certain constituents is pointed out by the analyst, but not sufficient to be considered as adulteration. These cases and those in which there are slight differences from the guarantee are classed as doubtful. The percentage of genuine samples in the total number collected is 57.4 which does not greatly differ from the same percentage in last year's collection which was 56.9.

I beg to recommend the publication of this report.

I have the honour to be, sir,

Your obedient servant,

THOMAS MACFARLANE,

Chief Analyst.

RESULTS of examining 115 samples of Fertilizers

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.	Inspector's Report.
				Lbs.	Cts.		
1906.			<i>District of Nova Scotia— R. J. Waugh, Insp. tor.</i>				
April 23	Potato Manure...	27440	G. R. Roy, Kentville, N.S.	3	...	Swift Fertilizer Co., Lowell, Mass.	As sold..... As guaranteed.. Standard sample (1818).
" 23	Ground Bone....	27441	" " "	3	...	" " "	As sold..... As guaranteed.. Standard sample (1821).
" 24	"	27445	C. O. Allen " "	3	...	Pidgeon Fertilizer Co., Windsor N.S.	As sold..... As guaranteed.. Standard sample (1841).
" 24	Potato and Vegetable Fertilizer..	27446	F. W. Woodman, Wolfville, N.S.	3	...	Bowker Fertilizer Co., Boston, Mass.	As sold..... As guaranteed.. Standard sample (1745).
" 24	Hill and Drill Fertilizer.	27447	" " "	3	...	" " "	As sold..... As guaranteed.. Standard sample (1756).
" 24	Square Brand Bone and Potash.	27448	" " "	3	...	" " "	As sold..... As guaranteed.. Standard sample (1747).
" 24	Swift's Animal Brand.	27449	R. E. Harris " "	3	...	Swift's, Lowell, Mass.	As sold..... As guaranteed.. Standard sample (1820).
" 26	Intense Brand....	27450	J. A. Kirkpatrick, Shubenacadie, N.S.	3	...	Pidgeon Fertilizer Co., Windsor, N.S.	As sold..... As guaranteed.. Standard sample (1843).
" 26	Potato Manure...	27451	" " "	3	...	" " "	As sold..... As guaranteed.. Standard sample (1844).
" 27	Potato Phosphate.	27454	W. McV. Smith, Dartmouth, N.S.	5	...	Provincial Chemical Fertilizer Co., St. John, N.B.	As sold..... As guaranteed.. Standard sample (1771).
" 27	Imperial Super-phosphate.	27455	" " "	5	...	" " "	As sold..... As guaranteed.. Standard sample (1770).
" 27	Soluble Pacific Guano.	27456	E. M. Walker, Dartmouth, N.S.	...	...	American Agricultural Chemical Co., New York.	As sold..... As guaranteed.. Standard sample (1793).
			<i>District of P. E. Island— T. Moore, Inspector.</i>				
April 23	Swift's Fertilizer.	28278	L. D. Shurman, Kensington.	...	...	Swift's Lowell Fertilizer Co., Boston.	As sold..... As guaranteed.. Standard sample (1821).
" 26	Bowker's Potato and Vegetable Phosphate.	28284	A. Pickard, Charlottetown.	...	...	Bowker's Fertilizer Co., Boston and New York.	As sold..... As guaranteed.. Standard sample (1745).
" 29	Potato Phosphate.	28285	R. E. Mutch " "	...	...	Nova Scotia Fertilizer Co., Halifax, N.S.	As sold..... As guaranteed.. Standard sample (1922).

as Sold—by the Public Analysts.

RESULTS OF ANALYSIS.											Relative value per ton of 2,000 lbs.	No. of Sample.	Name of Analyst.	Remarks by the Public Analysts.
Nitrogen.		Phosphoric Acid.												
Total.	As Ammonia.	Soluble in Water.	Citric Soluble.	Insoluble.	Total.	Available.	Potash.	Moisture.	cts.					
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.						
1.62	1.97	5.69	1.59	3.02	10.30	7.28	1.79	11.37	16.79	27440	M. Bowman	Deficient in potash.		
2.04	2.48	6.08	2.87	1.76	10.71	8.00	4.40	10.50	22.27					
2.04	2.48	..	18.69	9.53	28.22	18.69	..	4.38	30.36	27441	"	Unadulterated.		
..	3.00	..	..	..	25.00	..	..	..	..	..
2.79	3.38	..	19.03	8.64	27.67	19.03	..	2.82	33.01					
3.22	3.91	..	14.74	10.62	25.36	14.74	..	7.35	30.35	27445	"	"		
..	3.00	..	..	..	20.00	..	..	..	..	..
2.80	3.40	..	15.20	8.63	23.83	15.20	..	5.97	28.82					
1.51	1.84	5.36	2.80	2.65	10.81	8.16	4.61	18.91	29.04	27446	"	"		
..	2.00	..	..	..	10.00	9.00	2.00	..	..	..	
1.85	2.14	7.93	1.51	1.91	11.35	9.44	3.51	7.20	21.54					
2.27	2.75	6.77	2.46	1.95	11.18	9.23	1.96	13.31	21.08	27447	"	"		
..	3.00	..	..	..	10.00	9.00	2.00	..	..	..	
2.57	3.12	3.20	5.11	2.72	11.03	8.31	2.45	6.07	21.45					
1.48	1.80	1.09	5.63	5.85	12.57	6.72	2.69	11.19	16.97	27448	"	"		
..	2.00	..	..	..	7.00	6.00	2.00	..	..	..	
1.34	1.63	3.20	5.91	1.92	11.03	9.11	2.35	3.03	17.61					
2.44	2.96	6.72	2.83	2.67	12.22	9.55	4.42	11.97	24.68	27449	"	"		
..	3.00	..	..	..	10.00	9.00	4.00	..	..	..	
2.55	3.13	6.08	4.00	2.52	12.60	10.08	4.29	10.40	25.40					
2.09	3.26	4.53	2.98	1.82	9.33	7.51	4.22	11.41	22.60	27450	"	"		
..	2.50	..	..	..	..	7.00	4.50	..	..	..	
3.15	3.82	4.47	2.69	2.43	9.59	7.16	4.59	11.80	24.33					
2.27	2.75	4.61	2.98	1.37	8.96	7.59	3.99	11.18	20.91	27451	"	"		
..	2.50	..	..	..	..	8.00	4.50	..	..	..	
2.38	2.89	5.11	2.89	2.23	10.53	8.00	4.84	10.00	22.89					
1.65	2.01	6.11	2.73	2.83	11.67	8.84	3.96	15.98	20.34	27454	"	Deficient in potash.		
..	2.50	..	..	..	..	8.00	6.50	..	..	..	
2.17	2.63	5.43	3.06	5.11	14.20	9.09	7.60	8.30	27.03					
1.43	1.73	4.53	2.23	4.53	11.29	6.76	1.81	15.98	15.95	27455	"	Deficient in phosphoric acid and nitrogen and therefore adulterated		
..	3.00	..	..	..	..	10.50	1.50	..	..	..	
2.59	3.00	6.00	2.48	4.77	13.25	8.46	1.35	10.10	21.50					
1.79	2.18	4.02	4.20	2.30	10.52	8.22	1.39	18.61	17.60	27456	"	Unadulterated.		
2.06	2.50	5.00	3.00	2.00	10.00	8.00	1.50	..	..	..	
2.18	2.65	6.72	2.23	2.56	11.51	8.95	2.12	14.42	20.80					
1.82	2.21	..	18.80	1.48	20.28	18.80	..	15.45	27.30	28278	M. Bowman	Deficient in phosphoric acid and therefore adulterated.		
..	3.00	..	..	..	25.00	..	..	..	..	..
2.79	3.38	..	19.03	8.64	27.67	19.03	..	2.82	33.01					
1.09	1.33	7.37	1.45	2.18	11.09	8.82	2.29	14.14	17.07	28284	"	Unadulterated.		
..	2.00	..	..	..	10.00	9.00	2.00	..	..	..	
1.86	2.14	7.93	1.51	1.91	11.35	9.44	3.51	7.20	21.54					
1.28	1.53	5.00	1.80	0.75	7.09	6.80	2.29	12.08	14.77	28285	"	Deficient in nitrogen and potash.		
..	2.00	1.00	2.00	5.00	8.00	7.00	4.00	..	..	..	
2.57	3.12	6.70	2.18	1.52	10.40	8.88	6.50	11.85	26.94					

RESULTS of examining 115 samples of Fertilizers

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.	Inspector's Report.
				Jars.	Cu.		
1906.			<i>District of New Brunswick—J. C. Ferguson, Inspector.</i>				
April 25	Reid's Superphosphate.	24173	Thomas Reid, Parish of Simonds, St. John County, East, N.B.	3	10	Vendor.....	As sold. As guaranteed.. Standard sample (1810).
" 26	Lowell Potato Manure.	24174	P. Nase & Son, St. John, N.B., north end, Indian town Dock.	3	15	Swift's Lowell Fertilizer Co., 44 North Market St., Boston, Mass., U.S.A.	As sold. As guaranteed.. Standard sample (1818).
May 3	Corn and Grain Fertilizer.	24175	Sussex Mercantile Co., Ltd., Main St., Sussex, Kings Co., N.B.	3	15	New England Fertilizer Co., Boston, Mass., U.S.A.	As sold. As guaranteed.. Standard sample (1833).
" 3	Farm and Garden.	24176	W. B. McKay & Co., Sussex, N.B., King's Co.	3	15	Bowker Fertilizer Co., Boston, New York and Cincinnati, U.S.A.	As sold. As guaranteed.. Standard sample (1743).
" 4	Potato Phosphate.	24177	John G. Hicks, Union St., Factory, King St., Moncton, N.B.	3	15	The Nova Scotia Fertilizer Co., Halifax, N.S.	As sold. As guaranteed.. Standard sample (1822).
" 4	" "	24178	C. P. Harris, Main St., Sugar Refinery Office, Moncton, N.B.	3	15	Swift's Lowell Fertilizer Co., Boston, Mass.	As sold. As guaranteed.. Standard sample (1819).
" 15	Bradley's 'Brand XL'	24192	Henry E. Hill, King St., St. Stephen, N.B., Charlotte Co.	3	15	The American Agricultural Chemical Co., New York, U.S.A.	As sold. As guaranteed.. Standard sample (1778).
" 15	Standard Brand...	24193	Fred. E. Rose, King St., Charlotte Co., St. Stephen, N.B.	3	15	E. Frank Coe, New York, U.S.A.	As sold.....
" 15	Reid's High Grade Superphosphate.	24194	Phillips & Phillips, Main Road, Woodstock, N.B., Carleton Co.	3	15	The American Agricultural Chemical Co., New York.	As sold.....
" 17	Special Potato Phosphate.	24196	J. C. Manzer, C. P. R. Station, Andover, Victoria Co., N.B.	3	...	The Provincial Chemical Fertilizer Co., St. John, N.B.	As sold. As guaranteed.. Standard sample (1771).
" 17	Thomas' Phosphate Powder.	24199	J. W. Jamer, Andover, Victoria Co., N.B., farmer.	3	15	The Anglo-Canadian Chemical Co., St. John, N.B.	As sold. As guaranteed.. Standard sample (1846).
" 19	Quinnipiac Climax Phosphate.	24197	John Gibson & Son, Queen St., Fredericton, York Co., N.B.	3	15	American Agricultural Chemical Co., New York, U.S.A.	As sold. As guaranteed.. Standard sample (1794).

as Sold—by the Public Analysts.—Continued.

RESULTS OF ANALYSIS.										Relative value per ton of 2,000 lbs.	No. of Sample.	Name of Analyst.	Remarks by the Public Analysts.
Nitrogen.		Phosphoric Acid.											
Total.	As Ammonia.	Soluble in Water.	Citric Soluble.	Insoluble.	Total.	Available.	Potash.	Moisture.					
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	8 cts.				
2.91	3.54	2.27	3.16	4.17	9.00	5.43	3.55	20.04	19.89	24173	M. Bowman..	Undulterated	
2.75	3.82	1.75	5.18	1.62	8.55	6.93	2.83	15.75	20.45				
1.85	2.24	6.22	1.16	3.20	10.67	7.38	3.95	11.73	19.93	24174	" ..	"	
2.04	2.48	6.06	2.87	1.76	10.71	8.05	4.40	10.50	22.27				
1.15	1.39	4.73	2.25	2.03	9.01	6.98	6.37	9.92	19.02	24175	" ..	"	
1.54	1.50	6.30	1.29	1.91	8.00	7.00	2.00						
	1.87	6.30	1.29	1.91	9.50	7.68	3.25	8.75	16.72				
1.99	2.41	6.06	2.76	2.87	12.31	9.44	1.69	12.66	20.35	24176	" ..	"	
	2.00				9.00	8.00	2.00						
1.90	2.31	7.20	1.35	2.55	11.19	8.64	1.48	6.60	18.97				
0.95	1.16	5.02	3.57	1.11	9.70	8.59	2.06	9.46	15.56	24177	" ..	Deficient in nitrogen and potash.	
	2.00	1.00	2.00	5.00	8.00	7.00	4.00						
2.57	3.12	6.70	2.18	1.52	10.40	8.88	6.50	11.85	26.94				
2.63	3.20	6.13	1.91	1.76	9.80	8.04	5.88	12.13	24.79	24178	" ..	Undulterated.	
	3.00				9.00	8.00	6.00						
2.49	3.03	6.72	3.04	2.06	11.84	9.76	6.85	10.75	27.33				
2.02	2.45	5.82	2.62	3.74	12.18	8.44	2.25	13.61	20.08	24192	" ..	"	
2.06	2.50	5.00	3.00	2.00	10.00	8.00	1.50						
2.24	2.72	5.57	3.56	2.72	11.85	9.13	2.25	14.20	21.26				
1.62	1.97	8.46	1.20	1.03	10.78	9.75	2.45	13.35	19.82	24193	" ..	Not registered and consequently illegally sold.	
3.30	4.01	3.17	3.75	2.42	9.33	6.92	10.79	11.13	30.65	24194	" ..	"	
1.18	1.43	3.25	5.82	5.90	14.97	9.07	6.07	10.22	22.15	24195	" ..	Undulterated.	
	2.50					8.00	6.50						
2.17	2.63	5.43	3.66	5.11	14.20	9.09	7.60	8.30	27.03				
					13.85	2.44	16.69	13.85					
							14.00		0.22	16.92	24196	" ..	"
							14.52	2.43	16.95	14.52			
									Trace	17.67			
1.04	1.26	6.30	1.82	1.73	9.86	8.12	2.01	13.30	15.61	24197	" ..	"	
1.08	1.25	6.00	2.00	2.00	10.00	8.00	2.00						
1.70	2.05	7.20	2.87	2.08	13.15	10.07	2.51	11.17	20.70				

RESULTS of examining 115 samples of Fertilizers

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.	Inspector's Report.
				Lbs.	Cts.		
1906.			<i>District of Quebec— C. E. Roy, Inspector.</i>				
April 20	Tobacco Manure.	29094	Ed. Julien & Cie, Quebec	10		W. A. Freeman, Hamilton, Ont.	As sold. As guaranteed.. Standard sample (1808).
" 20	Sure Growth.	29095	" "	10		" "	As sold. As guaranteed.. Standard sample (1802).
" 20	Potato Manure	29096	" "	10		" "	As sold. As guaranteed.. Standard sample (1806).
" 20	Thomas' Phosphate	29097	" "	10		" "	As sold. As guaranteed.. Standard sample (1800).
" 23	Victor	29098	P. T. Legaré, Quebec.			Capelton Chemical Fertilizer Co., Buckingham, Que.	As sold. As guaranteed.. Standard sample (1873).
" 23	Royal Canadian.	29099	" "			" "	As sold. As guaranteed.. Standard sample (1872).
" 23	Reliance	29100	" "			" "	As sold.
			<i>District of St. Hyacinthe— J. C. Rouleau, Inspector.</i>				
April 17	Vermont Phosphate.	501	Richard Dunn, South Durham, Que.	3 jar		Bowker Fertilizer Co., Boston, Mass	As sold. As guaranteed.. Standard sample (1754).
" 17	6% Potato Fertilizer.	502	" "	3 "		" "	As sold. As guaranteed.. Standard sample (1752).
" 18	Sure Crop Bone Phosphate.	503	E. W. Mole, Cookshire, Que.	3 "		" "	As sold. As guaranteed.. Standard sample (1750).
" 18	Potato and Vegetable Phosphate.	504	" "	3 "		" "	As sold. As guaranteed.. Standard sample (1745).
" 19	Superphosphate with Potash.	505	T. W. Wallace, Magog, Que.	3 "		" "	As sold. As guaranteed.. Standard sample (1755).
" 24	Victor.	506	Jos. Ferland, Sorel, Que.	3 "		Capelton Chemical & Fertilizer Co., Buckingham, Que.	As sold. As guaranteed.. Standard sample (1973).

as Sold —by the Public Analysts—Continued.

RESULTS OF ANALYSIS.										Relative value per ton of 2,000 lbs.	No. of Sample.	Name of Analyst.	Remarks by the Public Analysts.
Nitrogen.		Phosphoric Acid.						Potash.	Moisture.				
Total.	As Ammonia.	Soluble in Water.	Citric Soluble.	Insoluble.	Total.	Available.							
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p. c.	p. c.	\$ cts.			
2.89	3.51	3.06	3.14	2.7.	8.91	.....	3.81	8.41	21.17	29094	Dr. J. T. Don-	According to guarantee	
.....	3.00	.....	.....	.....	8.00	.....	4.00	.....	.....	.....	ald.		
3.65	4.43	3.82	4.31	1.42	9.55	8.13	4.88	9.20	27.03	.....		
2.95	3.57	3.94	2.72	2.31	8.87	.....	6.40	8.21	24.71	29095	" "	Superior to guarantee	
.....	.....	.....	.....	.....	8.00	.....	3.00	.....	.....	.....			in potash.
4.06	4.93	4.67	5.75	.....	10.42	10.42	3.34	8.45	29.06	.....		
2.76	3.35	3.01	4.75	2.61	10.37	.....	5.52	8.89	24.48	29096	" "	According to guarantee	
.....	3.00	.....	.....	.....	8.00	.....	5.00	.....	.....	.....
2.38	2.89	3.85	4.25	1.50	9.60	8.10	6.56	7.65	24.41	.....		
.....	.....	.....	13.24	3.90	17.14	.....	.....	Trace.	17.29	29097	" "	" "	
.....	.....	.....	.....	.....	17.20	.....	.....	.....	.....	.....
.....	.....	.....	15.16	3.71	18.87	15.16	.....	Trace.	19.26	.....		
1.26	1.53	4.42	3.53	4.30	12.25	.....	2.87	10.37	17.62	29098	" "	Much above guarantee	
.....	2.00	.....	.....	.....	7.00	.....	3.00	.....	.....	.....			in total phosphoric
2.00	2.43	7.00	2.13	3.62	12.75	9.13	3.63	12.20	20.85	.....			acid.
2.73	3.31	4.78	2.52	4.58	11.88	.....	5.40	9.32	24.26	29099	" "	According to guarantee	
.....	4.00	.....	.....	.....	9.00	.....	5.00	.....	.....	.....
3.36	4.08	7.54	0.13	4.35	12.02	7.67	5.62	5.90	27.62	.....		
1.45	1.77	4.49	3.13	5.03	12.65	.....	2.25	7.87	17.52	21.100	" "	Not registered and	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			therefore illegally
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			sold.
2.44	2.90	6.19	1.54	1.48	9.21	.....	5.89	14.97	23.75	501	Dr. J. T. Don-	According to guarantee	
.....	3.00	.....	.....	.....	10.00	8.00	4.00	.....	.....	.....	ald.		
2.38	2.89	7.03	1.61	2.55	11.19	8.64	4.34	8.70	23.39	.....		
1.17	1.41	3.86	1.68	1.92	7.46	.....	6.03	8.71	17.07	502	" "	Under guarantee in	
.....	1.00	.....	.....	.....	7.00	6.00	6.00	.....	.....	.....			available phosphoric
0.90	1.10	5.75	3.33	1.47	10.55	9.08	6.33	5.05	20.39	.....			acid and therefore
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			adulterated.
1.26	1.53	5.23	3.01	2.01	10.24	.....	2.23	11.07	16.68	503	" "	According to guarantee	
.....	1.00	.....	.....	.....	10.00	9.00	2.00	.....	.....	.....
1.27	1.54	5.43	4.80	2.88	13.11	10.23	3.18	4.57	20.14	.....		
1.97	2.44	5.07	2.52	2.63	10.22	.....	4.34	12.19	20.68	504	" "	Under guarantee in	
.....	2.00	.....	.....	.....	10.00	9.00	2.00	.....	.....	.....			available phosphoric
1.85	2.14	7.93	1.61	1.91	11.35	9.44	3.51	7.20	21.54	.....			acid but very superior
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			in potash and there-
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			fore not adulterated.
0.27	0.32	4.85	5.37	2.30	12.52	.....	2.42	9.25	15.75	505	" "	According to guarantee	
.....	.....	.....	.....	.....	11.00	10.00	1.00	.....	.....	.....
.....	.....	8.31	1.93	1.59	11.83	10.24	2.83	5.85	15.39	.....		
1.56	1.90	6.28	1.99	5.99	14.23	.....	3.20	13.95	20.03	506	" "	"	
.....	2.00	.....	.....	.....	7.00	.....	3.00	.....	.....	.....
2.00	2.43	7.00	2.13	3.62	12.75	9.13	3.63	12.20	20.85	.....		

RESULTS of examining 115 samples of Fertilizers

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.	Inspector's Report.
				Lbs.	Cts.		
1906.			<i>District of St. Hyacinthe—J. C. Rouleau, Insp.—Continued.</i>				
April 27	Eclipse Fertilizer for all Crops.	507	G. W. Wilson, Knowlton, Que.	3 "	....	American Chemical Fertilizer Co., Boston.	As sold. As guaranteed.. Standard sample (1781).
" 27	Sure Crop Bone Phosphate.	508	D. M. Mitchell, Water Road, Granby, Que.	3 "	..	Bowker Fertilizer Co., Boston, Mass.	As sold. As guaranteed.. Standard sample (1750).
" 27	6% Potato Fertilizer	509	" " "	3 "	....	" " "	As sold. As guaranteed.. Standard sample (1752).
" 27	Tucker's Imperial Bone Superphosphate for Potato	510	M. Mekirley, Granby Road, Abbotsford, Que.	3 "	....	American Agricultural & Chemical Co., Boston, Mass.	As sold. As guaranteed.. Standard sample (1788).
" 30	Sure Crop Bone Phosphate.	511	N. Ouellette, Kingsley, Que.	3 "	....	Bowker Fertilizer Co., Boston, Mass.	As sold. As guaranteed.. Standard sample (1750).
" 30	Victor.....	512	Geo. McCracken, Danville, Que.	3 "	...	Capelton Chemical & Fertilizer Co., Buckingham, Que.	As sold. As guaranteed. Standard sample (1873).

as Sold—by the Public Analysts—Continued.

RESULTS OF ANALYSIS.										Relative value per ton of 2,000 lbs.	No. of Sample.	Name of Analyst.	Remarks by the Public Analysts.
Nitrogen.		Phosphoric Acid.						Potash.	Moisture.				
Total.	As Ammonia.	Soluble in Water.	Citric Soluble.	Insoluble.	Total.	Available.							
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	\$ cts.				
1.39	1.69	4.32	3.68	2.81	10.81	.....	2.52	13.28	17.39	507	Dr J. T. Donald	According to guarantee
1.03	1.25	6.00	2.00	2.00	10.00	8.00	2.00	.....	.....		
1.17	1.42	5.75	4.53	1.79	12.07	10.28	2.08	11.15	18.46	.....		
1.32	1.59	5.17	2.93	2.37	10.47	.....	5.56	10.90	20.18	508	" "	" "
.....	1.00	.....	.....	.....	10.00	9.00	2.00	.....	.....		
1.27	1.54	5.43	4.80	2.88	13.11	10.23	3.18	4.57	20.14	.....		
2.96	3.59	5.39	2.98	2.52	10.89	.....	5.65	12.41	26.22	509	" "	Superior to guarantee in ammonia.
.....	1.00	.....	.....	.....	.....	7.00	6.00	6.00	.....			
0.90	1.10	5.75	3.33	1.47	10.55	9.08	6.33	5.05	20.39	.....		
1.35	1.64	5.42	2.45	1.93	10.26	.....	2.33	11.40	17.25	510	" "	Cannot identify it.
1.03	1.25	6.00	2.00	2.00	10.00	8.00	2.00	.....	.....		
1.33	1.61	5.70	3.53	2.07	11.30	9.23	2.00	11.40	17.86	.....		
1.29	1.57	5.66	2.18	2.42	10.26	.....	2.37	10.42	16.61	511	" "	According to guarantee
.....	1.00	.....	.....	.....	10.00	9.00	2.00	.....	.....		
1.27	1.54	5.43	4.80	2.88	13.11	10.23	3.18	4.57	20.14	.....		
1.97	2.26	5.58	1.67	4.51	11.76	.....	2.92	11.77	19.51	512	" "	" "
.....	2.00	.....	.....	.....	7.00	.....	3.00	.....	.....		
2.00	2.43	7.00	2.13	3.2	12.75	9.13	3.63	12.20	20.85	.....		

RESULTS of examining 115 samples of Fertilizers

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.	Inspector's Report.
				Jars.	Cts.		
1906.			<i>District of Montreal— J. J. Costigan, Inspector.</i>				
April 17	Bradley's 'B' Brand.	26734	Wm. Anderson, Hurdmans, Que.	3	....	The American Agricultural Chemical Co., Buffalo, N.Y.	As sold. As guaranteed .. Standard sample (1736).
" 17	Sure Crop	26735	Thos. Cogland, Hurdmans, Que.	3	...	Bowker Fertilizer Co., Boston, Mass.	As sold. As guaranteed .. Standard sample (1750).
" 17	Superphosphate...	26736	" "	3	....	" "	As sold. As guaranteed .. Standard sample (1755).
" 20	Bradley's 'B' Brand.	26737	Fisher Bros., Hemmingford, Que.	2	...	The American Agricultural Chemical Co., Buffalo, N.Y.	As sold. As guaranteed .. Standard sample (1736).
" 20	Bowker's Vermont Brand.	26738	J. McCanse, Hemmingford, Que.	2	....	Bowker Fertilizer Co., Boston, Mass.	As sold. As guaranteed .. Standard sample (1754).
" 24	Sure Crop	26739	B. & J. Stevens, Bedford, Que.	2	....	" "	As sold. As guaranteed .. Standard sample (1750).
" 24	6% Potato Fertilizer	26740	" "	2	....	" "	As sold. As guaranteed .. Standard sample (1752).
May 3	Special	26741	Brodie & Harvie, Bleury St., Montreal.	2	....	Standard Chemical and Fertilizer Co.	As sold. As guaranteed .. Standard sample (1812).
" 4	Celery and Vegetable.	26742	Wm. Ewing & Co., McGill St., Montreal.	2	...	Freeman Fertilizer Co.	As sold. As guaranteed .. Standard sample (1804).
" 4	Bone Potash	26743	" "	2	....	" "	As sold. As guaranteed .. Standard sample (1803).
" 4	Victor	26744	T. Kenny & Son, Halberton, Que.	2	..	Nichols Chemical Co.	As sold. As guaranteed .. Standard sample (1873).
" 4	Royal Canadian...	26745	R. J. Latimer & Co., Montreal.	3	....	" "	As sold. As guaranteed .. Standard sample (1872).

as Sold—by the Public Analysts—Continued.

RESULTS OF ANALYSIS.											Relative value per ton of 2,000 lbs.	No. of Sample.	Name of Analyst.	Remarks by the Public Analysts.
Nitrogen.		Phosphoric Acid.						Potash.	Moisture.					
Total.	As Ammonia.	Soluble in Water.	Citric Soluble.	Insoluble.	Total.	Available.								
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	\$ cts.					
1.15	1.40	5.84	2.58	1.92	10.34	4.18	12.59	18.52	2673.	Dr. J. T. Donald.	Under guarantee in ammonia; therefore adulterated.		
2.06	2.50	6.00	2.00	1.00	9.00	8.00	1.50	.....	.....	.....	
2.24	2.72	6.90	3.82	2.71	13.43	10.72	1.60	12.57	22.50	.....			
1.15	1.40	6.08	2.00	1.67	9.75	3.54	13.16	17.45	26735	"	According to guarantee.		
1.00	.....	.....	.....	.....	10.00	9.00	2.00	.....	.....	.....	
1.47	1.54	5.43	4.80	2.88	13.11	10.23	1.18	4.57	20.14	.....			
0.15	0.18	6.38	2.84	2.27	11.49	2.99	14.85	14.96	267.6	"	" "		
.....	.....	.....	.....	.....	11.00	10.00	1.00	.....	.....	.....	
.....	.....	8.31	1.93	1.50	11.83	10.24	2.83	5.85	15.39	.....			
1.02	1.24	4.19	2.16	2.58	8.93	3.53	14.09	15.18	26737	"	Under guarantee in ammonia; therefore adulterated.		
2.06	2.50	6.00	2.00	1.00	9.00	8.00	1.50	.....	.....	.....	
2.24	2.72	6.90	3.82	2.71	13.43	10.72	1.60	12.57	22.50	.....			
1.97	2.38	5.32	2.43	2.21	9.96	3.02	16.25	19.43	26738	"	According to guarantee.		
.....	3.00	.....	.....	.....	10.00	8.00	4.00	.....	.....	.....	
2.38	2.89	7.03	1.61	2.55	11.19	8.64	4.34	8.70	23.39	.....			
1.18	1.44	5.76	2.56	2.55	10.87	2.13	11.96	16.63	26739	"	" "		
1.00	.....	.....	.....	.....	10.00	9.00	2.00	.....	.....	.....	
1.27	1.54	5.43	4.80	2.88	13.11	10.23	3.18	4.57	20.14	.....			
0.96	1.16	4.24	3.81	2.31	10.36	4.94	12.31	17.62	26740	"	" "		
.....	1.00	.....	.....	.....	.....	.....	7.00	6.00	6.00	.....			
0.90	1.10	5.75	3.33	1.47	10.55	9.08	6.33	5.05	20.39	.....			
4.74	5.75	8.04	2.26	0.55	10.85	6.51	12.22	34.93	26741	"	" "		
.....	3.50	8.00	.....	.....	.....	.....	.....	6.00	.....	.....		
2.94	3.57	6.07	2.43	1.96	10.45	8.50	6.72	12.30	27.24	.....			
4.14	5.02	2.84	3.38	1.73	8.06	5.54	8.76	27.39	26742	"	" "		
.....	6.00	.....	.....	.....	9.00	.....	6.00	.....	.....	.....	
9.24	11.22	2.43	4.44	0.90	7.67	6.87	8.07	5.85	47.51	.....			
2.66	3.23	6.30	2.29	6.67	15.26	5.78	5.61	29.10	26743	"	" "		
.....	2.00	.....	.....	.....	9.00	.....	6.00	.....	.....	.....	
5.81	7.05	4.03	3.32	1.28	8.63	7.35	8.59	7.20	37.20	.....			
1.82	2.21	4.91	2.34	5.18	12.43	1.94	11.56	18.14	26744	"	" "		
.....	2.00	.....	.....	.....	7.00	.....	3.90	.....	.....	.....	
2.00	2.43	7.00	2.13	3.62	12.75	9.13	3.63	12.20	20.85	.....			
2.49	3.62	5.06	1.14	3.81	10.01	4.34	9.53	21.27	26745	"	" "		
.....	4.00	.....	.....	.....	9.00	.....	5.00	.....	.....	.....	
3.36	4.06	7.54	0.13	4.35	12.02	7.67	5.62	5.90	27.62	.....			

Results of examining 115 samples of Fertilizers

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.	Inspector's Report.
				Lbs.	Cts.		
1906.			<i>District of Ottawa— A. E. Sanderson, Insp.</i>				
April 28	Thomas Phosphate Powder.	29236	Graham Bros., Sparks street, Ottawa.	2½		37 H. & E. Albert, London, Eng.	As sold
" 28	Bone Meal	29235	" " "	2½		10 W. A. Freeman, Hamilton, Ont.	As sold
May 11	Superphosphate of Lime.	29267	Standard Fertilizer & Chemical Co., Ltd., Smith's Falls, Ont.	3 bot		Vendors	As guaranteed .. Standard sample (1809).
" 11	Standard Brand	29268	" " "	3 "		"	As sold
" 11	Special Brand	29269	" " "	3 "		"	As guaranteed .. Standard sample (1811).
" 11	Fertilizer No. 1	29270	" " "	3 "		"	As sold
" 11	Royal	29271	" " "	3 pk		"	As guaranteed .. Standard sample (1812).
" 11	Star	29272	" " "	3 "		"	As sold
" 17	Fertilizer No. 1	29273	Kenneth McDonald, Market Square, Ottawa.	3 lbs		Capelton Chemical & Fertilizer Co., Buckingham, Que.	As sold
" 17	Swift's Lawn Fertilizer or Ground Bone.	29274	" " "	3 "		Swift, Chicago, U.S.	As guaranteed .. Standard sample (1874).
" 17	Market Garden Special.	29275	" " "	3 "		Nichols Chemical Co., Capelton.	As sold
" 17	Victor	29276	" " "	3 "		Capelton Chemical & Fertilizer Co., Buckingham, Que.	As sold
" 17	Nitrate of Soda	29265	Graham Bros., Sussex St., Ottawa.	2 lbs		W. A. Freeman, Hamilton, Ont.	As guaranteed .. Standard sample (1873).
April 11	Flower Fertilizer.	28588	<i>District of Kingston— J. Hogan, Inspector</i> W. J. Peters, Brock St., Kingston, Ont.	6 lbs	75	" "	As sold
" 11	Potato Manure	28589	" " "	6 "	15	" "	As sold
" 18	Standard	29409	A. E. Cameron, Brockville, Ont.	6 "	09	Read, New York.	As guaranteed .. Standard sample (1806).

as Sold—by the Public Analysts—Continued.

RESULTS OF ANALYSIS.											Relative value per ton of 2,000 lbs.	No. of Sample.	Name of Analyst.	Remarks by the Public Analysts.
Nitrogen.		Phosphoric Acid.						Potash.	Moisture.					
Total.	As Ammonia.	Soluble in Water.	Citric Soluble.	Insoluble.	Total.	Available.								
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	\$	cts.				
3.46	4.20	7.54	2.70	1.85	12.00	.....	3.28	11.03	28.35		29236	Dr. J. T. Donald.	Standard sample cannot be identified.
4.13	5.02	.....	14.62	9.07	23.69	.....	.....	6.81	34.30		29235	" "	According to guarantee
2.52	3.00	.....	15.50	10.00	25.50	15.50	.....	5.90	28.61				
0.26	0.31	12.18	1.97	2.26	16.41	.....	.....	14.93	18.35		29267	" "	According to standard in every respect.
0.17	0.20	9.82	2.00	4.15	15.97	11.82	.....	9.15	15.79				
2.59	3.14	5.77	3.39	2.07	11.23	.....	2.63	7.13	22.71		29268	" "	Under guarantee in available phosphoric acid and therefore adulterated.
1.96	2.50	8.00	3.95	2.37	12.37	10.00	1.56	8.60	20.53					
2.84	3.45	5.61	2.81	1.66	10.08	.....	7.41	11.24	27.39		29269	" "	" "
2.94	3.50	8.00	2.43	1.95	10.45	10.00	6.00	12.30	27.24					
2.84	3.45	5.43	3.34	2.05	10.82	.....	1.61	13.75	22.07		29270	" "	According to guarantee
2.22	2.58	5.40	3.85	2.15	10.90	8.75	1.50	13.25	19.84					
1.70	2.06	4.00	3.56	1.43	9.08	.....	3.15	4.18	18.19		29271	" "	" "
1.72	2.21	4.85	2.78	2.37	10.01	7.63	2.51	6.15	17.93					
1.75	2.12	2.68	1.61	1.03	5.32	.....	1.97	2.37	13.22		29272	" "	" "
1.82	2.21	3.35	3.10	1.30	7.75	6.45	1.76	3.20	15.76					
0.56	0.68	2.46	4.50	3.79	10.75	.....	0.24	10.04	11.18		29273	" "	Under guarantee in available phosphoric acid and therefore adulterated.
0.35	0.42	7.32	3.01	4.37	14.70	10.33	.....	12.20	14.59				
4.17	5.06	.....	14.64	8.76	23.40	.....	.....	6.90	32.91		29274	" "	According to guarantee
2.79	3.38	.....	19.03	8.64	27.67	19.03	.....	2.82	33.01				
2.46	2.98	4.54	2.15	2.83	9.52	.....	3.88	11.73	20.90		29275	" "	Not registered.
1.70	2.06	5.02	2.28	5.82	13.12	.....	2.80	7.34	18.86		29276	" "	According to guarantee
2.00	2.43	7.00	2.13	3.62	12.75	9.13	3.63	12.30	20.86					
15.72	19.10	.....	.....	.....	.....	.....	.....	0.96	22.00		29265	" "	" "
1.86	2.26	4.32	5.44	1.62	11.38	.....	2.16	2.98	19.12		28588	Dr. W. H. Ellis	Not registered.
2.30	2.90	3.87	4.53	2.32	10.72	.....	4.52	6.78	22.95		28589	" "	Below guarantee in ammonia and therefore adulterated.
2.38	2.80	3.85	4.25	1.50	9.60	8.10	6.56	7.65	24.41					
0.91	1.10	7.13	1.55	2.01	10.69	.....	3.57	11.08	17.51		29409	" "	According to guarantee

RESULTS of examining 115 samples of Fertilizers

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cwt.		Name and Address of Manufacturer or Furnisher.	Inspector's Report.
				Lbs.	Oz.		
1906.			<i>District of Kingston— J. Hogan, Inspector— Concluded.</i>				
April 18	Farmer's Friend...	29410	A. E. Cameron, Brockville, Ont.	6	09	Read, New York...	As guaranteed... Standard sample (1798).
" 18	Potato Special Leader	29411	" " "	6	10	" "	As sold...
" 18	Blood and Bone...	29412	" " "	6	08	" "	"
" 18	Vegetable and Vine	29413	" " "	6	12	" "	"
" 18	Guano.	29414	H. Brown & Son, Brockville, Ont.	6	12	Bradley, Boston, Mass.	"
" 18	Complete Manure.	29415	" " "	6	09	" "	As guaranteed... Standard sample (1736).
			<i>District of Toronto— T. Kidd, Acting Insp.</i>				As sold... As guaranteed... Standard sample (1737).
June 14	Bone Meal.....	30084	William Rennie, seed merchant, Toronto, Ont.	2	10	W. Freeman & Co., Hamilton, Ont.	As sold..... As guaranteed... Standard sample (1809).
" 14	Sure Growth	30085	J. A. Simmers, seed merchant, Toronto, Ont.	2	10	" "	As sold..... As guaranteed... Standard sample (1802).
" 14	Bone Meal.....	30086	W. Harris & Co., Toronto, Ont.	2	10	Vendors.....	As sold..... As guaranteed... Standard sample (1836).
" 14	Blood, Flesh and Bone.	30087	" " "	2	10	"	As sold.....
" 16	Thomas' Phosphates.	30088	The White Co., Ltd., hardware merchants, Collingwood, Ont.	2	10	Thomas Phosphate Fertilizer Co., Toronto, Ont.	"
" 16	Bone Meal.....	30089	The Collingwood Packing Co., Collingwood, Ont.	2	10	Vendors.....	"
" 1	Blood Fertilizer.	30090	" " "	2	10	"	"
" 18	Sheep Manure ...	30091	John A. Bruce, seed merchant, Hamilton.	1	10	American Agricultural Co., Chicago.	"
" 18	Ground Bone.....	30092	" " "	1	10	American Agricultural Co., Buffalo, U.S.	"
" 18	Sure Growth.....	30093	W. A. Freeman, Hamilton, Ont.	1½	10	Vendors.....	"
" 1	Bone Potash.....	30094	" " "	1½	10	"	As guaranteed... Standard sample (1802).
							As sold..... As guaranteed... Standard sample (1803).

as Sold—by the Public Analysts—Continued.

RESULTS OF ANALYSIS.										Relative value per ton of 2,000 lbs.	No. of Sample.	Name of Analyst.	Remarks by the Public Analysts.
Nitrogen.		Phosphoric Acid.											
Total.	As Ammonia.	Soluble in Water.	Citric Soluble.	Insoluble.	Total.	Available.	Potash.	Moisture.					
p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	\$ cts.				
2.06	2.50	5.00	3.00	2.00	10.00	8.00	1.50				
2.20	2.67	6.71	2.72	2.72	12.15	9.43	1.70	13.67	21.08				
1.11	1.35	9.07	1.43	1.32	11.82	...	2.26	12.33	18.87	29410	Dr. W.H. Ellis	Not registered.	
1.04	1.26	2.90	1.67	4.91	48	....	6.47	6.49	16.78	24911	"	Not to be found among the standard samples.
0.63	0.77	6.26	1.65	5.21	13.12	....	1.08	9.82	14.10	29412	"	" "
0.84	1.02	6.42	1.66	2.48	10.56	...	5.42	10.58	18.53	29413	"	" "	
2.67	3.24	5.55	2.75	1.78	10.08	....	1.91	11.87	21.19	29414	"	Unadulterated.
2.06	2.50	6.00	2.00	1.00	9.00	8.00	1.50				
2.24	2.72	6.90	3.32	2.71	13.43	10.72	1.60	12.57	22.50				
1.94	2.36	6.98	2.73	0.86	10.57	....	6.31	11.90	25.12	29415	"	Deficient in nitrogen and therefore adulterated.
3.29	4.00	6.00	2.00	1.00	9.00	8.00	7.00				
3.23	3.93	6.78	1.86	2.39	11.03	8.64	7.91	12.40	29.77				
2.43	2.95	.....	15.99	5.49	21.48	.....	0.20	7.45	27.68	30084	"	Below guarantee.
2.52	3.00	15.50	10.00	23.00	15.50	5.90	28.61				
2.36	2.86	3.08	4.79	2.50	10.32	....	4.13	17.29	21.79	30085	"	Unadulterated.
4.06	4.93	4.67	5.75	8.00	10.42	3.34	8.45	29.06				
3.39	4.12	.....	17.79	5.20	19.99	.....	0.13	3.62	22.77	30086	"	"
3.64	4.42	13.63	7.99	21.62	13.63	4.70	29.86				
6.70	8.14	.....	6.04	2.82	8.86	.....	0.44	8.07	30.70	30087	"	Not registered.
.....	.....	.....	14.69	2.96	17.67	.....	.....	0.10	18.23	30088	"	Cannot be identified among the standard samples.
8.73	10.60	.....	5.60	1.10	6.70	.....	0.28	13.30	36.45	30089	"	Not registered.
6.86	8.33	.....	9.30	5.44	12.74	.....	0.20	7.15	34.78	30090	"	"
2.36	2.86	0.93	0.22	0.30	1.45	.....	2.12	12.79	11.58	30091	"	"
2.08	2.52	.....	16.00	10.36	26.36	.....	0.21	4.96	27.98	30092	"	"
2.26	2.74	1.28	6.36	2.36	10.00	.....	4.17	7.09	21.07	30093	"	Deficient in nitrogen; therefore adulterated.
4.06	4.93	4.67	5.75	8.00	10.42	3.34	8.45	29.06				
3.36	4.08	1.15	6.27	2.01	9.43	.....	6.62	6.50	26.91	30094	"	Up to guarantee.
5.81	7.05	4.03	3.32	1.28	8.63	7.35	8.59	7.20	37.20				

RESULTS of examining 115 samples of Fertilizers

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.	Inspector's Report.
				Lbs.	Cts.		
1906.			<i>District of Toronto— T. Kidd, Acting Inspector.—Concluded.</i>				
June 18	Potato Manure . . .	30095	W.A. Freeman Hamilton, Ont.	1½	10	Vendors	As sold As guaranteed . . . Standard sample (1806).
" 18	Bone Meal	30096	" " . . .	1½	10	"	As sold As guaranteed . . . Standard sample (1806).
			<i>District of London— T. Kidd, Inspector.</i>				
April 23	"	22480	Darch & Hunter, seed merchants, London, Ont.	2	5	Michigan Carbon Works, Detroit.	As sold As guaranteed . . . Standard sample (1857).
" 25	Ground Bone	22485	D. W. Newcombe, St. Thomas, Ont.	1	5	Steel, Briggs & Co., Toronto, seed merchants.	As sold
" 26	Early Fertilizer . . .	22493	George Gardiner, seed merchant.	1½	5	W. A. Freeman, Hamilton, Ont.	"
" 26	Thomas' Phosphate . .	22494	King, Mill & Co., millers, Sarnia, Ont.	1½	5	Vendors	"
May 1	Sure Growth	22499	Robertson & Wilson, Ingersol, Ont.	1½	5	W. A. Freeman, Hamilton, Ont.	" As guaranteed . . . Standard sample (1802).
" 1	"	22500	A. Hastings & Co., coal merchants, Woodstock, Ont.	1½	5	" " . . .	As sold As guaranteed . . . Standard sample (1802).
" 2	Bone Flower	30001	James Hower & Son, seed merchants, Guelph, Ont.	1½	5	" " . . .	As sold
			<i>District of Calgary— W. Fletcher, Inspector.</i>				
April 28	Fertilizer	28648	E. M. Carpenter, Edmonton.	3	75	Bowker Fertilizer Co., Boston, U.S.	As sold
" 30	"	28650	F. Cowles, Strathcona.	1½	35	Purchased from J. Winer Co., Hamilton, Ont.	As sold
May 1	"	28651	J. Y. Griffin Co., Winnipeg, Man.	3	10	Vendors	As sold

as Sold -by the Public Analysts—Continued.

RESULTS OF ANALYSIS.											Relative value per ton of 2,000 lbs.	No. of Sample.	Name of Analyst.	Remarks by the Public Analysts.
Nitrogen.		Phosphoric Acid.						Ash.	Moisture.					
Total.	As Ammonia.	Soluble in Water.	Citric Soluble.	Insoluble.	Total.	Available.								
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	\$ cts.					
3.36	4.08	1.08	6.23	2.16	9.47	.....	6.66	7.56	26.86	30095	Dr. W.H. Ellis	Up to guarantee	
2.38	2.89	3.85	4.25	1.50	9.60	8.10	6.56	7.65	24.41					
4.30	5.22	.....	15.28	8.23	23.51	.....	0.06	8.28	33.94	30096	"	Fully up to guarantee.	
2.62	3.00	.....	15.50	10.00	25.50	15.50	.....	5.90	28.56				
1.18	1.43	.....	17.54	14.96	32.50	.....	0.13	2.17	26.57	22480	"	Unadulterated.	
1.33	1.61	.....	20.15	11.51	31.66	20.15	.....	9.25	.....				
3.99	4.84	.....	13.85	9.34	23.19	.....	0.13	4.83	31.72	22485	"	Not to be found among the standard samples.	
1.70	2.07	4.14	2.93	1.02	8.09	.....	4.33	12.68	18.59	22483	"	"	"
.....	.....	.....	12.90	5.06	17.96	.....	.....	0.75	17.73	22484	"	Not to be identified among the standard samples.	
1.72	2.09	3.45	5.17	2.62	11.24	.....	3.38	3.44	19.82	22499	"	Below guarantee in nitrogen.	
4.06	4.93	4.67	5.75	.....	10.42	10.42	3.34	8.45	29.06				
3.12	3.79	2.20	5.28	2.65	10.13	.....	3.57	3.40	23.40	22500	"	Unadulterated.	
4.06	4.93	4.67	5.75	.....	10.42	10.42	3.34	8.45	29.06				
3.22	3.91	.....	12.40	1.03	13.49	.....	0.47	3.17	25.36	30001	"	Not registered.	
2.52	3.06	0.90	9.58	2.88	13.36	.....	3.00	4.14	24.05	28648	Dr. C.J. Fagan	Not so described that brand can be recognized.	
2.52	3.06	Trace	4.32	6.52	4.84	.....	.....	3.52	13.47	28650	"	"	"
6.16	7.48	None	13.32	3.40	16.72	.....	.....	9.00	36.51	28651	"	"	"

RESULTS of examining 115 samples of Fertilizers

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.	Inspector's Report.
				Lbs.	Cts.		
1906.			<i>District of British Columbia—E. E. Parkinson, Inspector.</i>				
April 17	Nitrate of Soda...	28107	M. J. Henry, Vancouver, B.C.	3	15	Victoria Chemical Co., Victoria.	As sold..... As guaranteed... Standard sample (1867).
" 17	Muriate of Potash.	28109	" " "	3	15	" " "	As sold..... As guaranteed... Standard sample (1870).
" 17	Bone Meal.....	28100	" " "	3	10	" " "	As sold.....
" 19	Blood and Bone...	28124	Charles Nelson, Vancouver, B.C.	3	50	Portland Seed Co., Portland, Oregon.	"
" 20	" " ..	28078	Sylvester Feed Co., Victoria, B.C.	3	15	Vendors	"
" 20	Ground Bone....	28079	" " "	3	10	"	"
" 24	Fish Guano.....	28083	Brackman & Kerr, New Westminster, B.C.	3	10	Fraser River Oil & Guano Co., Vancouver.	"
" 24	Nitrate of Soda...	28084	" " "	3	10	Victoria Chemical Co., Victoria, B.C.	"
" 24	Kainite	28085	Brackman & Ker, New Westminster, B.C.	3	10	Victoria Chemical Co. Victoria, B.C.	As guaranteed... Standard sample (1867).
" 24	Superphosphate of Lime.	28086	" " "	3	10	" " "	As sold..... As guaranteed... Standard sample (1868).
" 24	Bone Meal.....	28087	" " "	3	10	C. H. Lilly, Seattle, Wash.	As sold.....
" 24	"	28088	Wm. Rennie, Vancouver, B.C.	3	15	" " "	"

as Sold—by the Public Analysts—Concluded.

RESULTS OF ANALYSIS.										Relative value per ton of 2,000 lbs.	No. of Sample	Name of Analyst.	Remarks by the Public Analysts.
Nitrogen.		Phosphoric Acid.						Potash.	Moisture.				
Total.	As Ammonia.	Soluble in Water.	Citric Soluble.	Insoluble.	Total.	Available.							
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	cts.				
15.80	19.18								3.54	53.72	28107	D. C. J. Fagan	Genuine.
16.00													
13.86	16.82								1.50	47.12			
								52.08	0.48	52.08	28108	"	"
								50.00					
								51.96	2.20	51.96			
3.64	4.42	Trace	13.80	3.00	16.80				7.36	28.46	28109	"	Not registered.
2.52	3.06	2.00	3.78	0.92	6.70				11.18	15.41	28124	"	"
5.32	6.46	Trace	14.00	3.00	17.00				5.04	34.38	28078	"	"
2.86	3.40	"	8.80	4.00	12.80				5.30	20.40	28079	"	"
10.64	12.90	0.50	6.00	0.30	6.80				7.52	43.47	28083	"	"
16.15	19.00								1.38	37.91	28084	"	"
16.00													
13.86	16.82								1.50	47.12			
								12.30	3.64	12.30	28085	"	Genuine
								12.00					
								12.36	6.60	12.36			
		16.80	None	0.26	17.00			0.30	7.50	20.62	28086	"	"
					16.00								
0.29	0.34	17.22	0.86	0.77	18.85	18.08			13.05	22.78			
3.64	4.42	Trace	15.10	4.90	20.00				7.76	30.46	28087	"	Not registered.
4.20	5.10	"	17.60	4.40	22.00				7.90	34.96	28088	"	"